WHAT IS CLAIMED IS:

- 1. Method for the production of recombinant DNA-derived tissue plasminogen activator (tPA), a tPA variant, a Kringle 2 Serine protease molecule (K2S) or a K2S variant in prokaryotic cells, wherein said tPA, tPA variant, K2S molecule or K2S variant is secreted extracellularly as an active and correctly folded protein, characterized in that the prokaryotic cell contains and expresses a vector comprising the DNA coding for said tPA, tPA variant, K2S molecule or K2S variant operably linked to the DNA coding for the signal peptide OmpA or a functional derivative thereof.
- 2. Method according to claim 1, characterised in that said the prokaryotic cell contains and expresses a vector comprising the DNA coding for said tPA, tPA variant, K2S molecule or K2S variant operably linked to the DNA coding for the signal peptide OmpA which is operably linked to the nucleic acid molecule defined by the sequence TCTGAGGGAAACAGTGAC (SEQ ID NO:1) or a functional derivative thereof.
- 3. Method according to claim 1 or 2, characterised in that the prokaryotic cell is *E. coli*.
- 4. Method according to one of claims 1 to 3, characterised in that the the following steps are carried out:
- a) the DNA endoding the tPA, tPA variant, K2S molecule or K2S variant is amplified by PCR;
 - b) the PCR product is purified;
- c) said PCR product is inserted into a vector comprising the DNA coding for OmpA signal peptide and the DNA coding for gpIII in such a way that said PCR product is operably linked upstream to the DNA coding for the OmpA signal sequence and linked downstream to the DNA coding for gpIII of said vector;

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- d) that a stop codon is inserted between said tPA, tPA variant, K2S molecule or K2S variant and gpIII;
 - e) said vector is expressed by the prokaryotic cell;
- f) the tPA, tPA variant, K2S molecule or K2S variant is purified.
- 5. Method according to one of claims 1 to 4, characterised in that the vector is a phagemid vector comprising the DNA coding for OmpA signal peptide and the DNA coding for gpIII.
- 6. Method according to one of claims 1 to 5, characterised in that the vector is the pComb3HS\$ phagemid.
- 7. Method according to one of claims 1 to 6, characterised in that the DNA Sequence of OmpA linked upstream to K2S comprises the following sequence or a functional variant thereof or a variant due to the degenerate nucleotide code:

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- 8. Method according to one of claims 1 to 7, characterised in that the DNA Sequence of OmpA comprises the following sequence:

 ATGAAAAAGACAGCTATCGCGATTGCAGTGGCACTGGCTGTTTCG

 CTACCGTGGCCCAGGCGGCC (SEQ ID NO:3)
- 9. Method according to one of claims 1 to 8, characterised in that the DNA Sequence of OmpA consists of the following sequence:

 ATGAAAAAGACAGCTATCGCGATTGCAGTGGCACTGGCTGTTTCG
 CTACCGTGGCCCAGGCGGCC (SEQ ID NO:3)
- 10. Method according to one of claims 1 to 9, characterised in that the DNA of the tPA, tPA variant, K2S molecule or K2S variant is preceded by a lac promotor and/or a ribosomal binding site.
- 11. Method according to one of claims 1 to 10, characterised in that the DNA coding for the tPA, tPA variant, K2S molecule or K2S variant is selected from the group of DNA molecules coding for at least 90% of the amino acids 87 527, 174 527, 180 527 or 220 527 of the human tissue plasminogen activator protein.

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12. Method according to one of claims 5 to 11, characterised in that the DNA Sequence of K2S comprises the following sequence or a functional variant thereof or a variant due to the degenerate nucleotide code:

TCTGAGGGAAACAGTGACTGCTACTTTGGGAATGGGTCAGCCTACC GTGGCACGCACAGCCTCACCGAGTCGGGTGCCTCCTGCCTCCCGTG GAATTCCATGATCCTGATAGGCAAGGTTTACACAGCACAGAACCCC AGTGCCCAGGCACTGGGCCTGGGCAAACATAATTACTGCCGGAATC CTGATGGGGATGCCAAGCCCTGGTGCCACGTGCTGAAGAACCGCA GGCTGACGTGGGAGTACTGTGATGTGCCCTCCTGCTCCACCTGCGG CCTGAGACAGTACAGCCAGCCTCAGTTTCGCATCAAAGGAGGGCTC TTCGCCGACATCGCCTCCCACCCTGGCAGGCTGCCATCTTTGCCA AGCACAGGAGGTCGCCCGGAGAGCGGTTCCTGTGCGGGGGCATAC TCATCAGCTCCTGCATTCTCTCTGCCGCCCACTGCTTCCAGGAG AGGTTTCCGCCCACCACQTGACGGTGATCTTGGGCAGAACATACC GGGTGGTCCCTGGCGAGGÅGGAGCAGAAATTTGAAGTCGAAAAAT ACATTGTCCATAAGGAATTCGATGATGACACTTACGACAATGACAT TGCGCTGCTGCAGCTGAAATCGGATTCGTCCCGCTGTGCCCAGGAG AGCAGCGTGGTCCGCACTGTGTGCCTTCCCCCGGCGGACCTGCAGC TGCCGGACTGGACGGAGTGTGAGCTCTCCGGCTACGGCAAGCATG AGGCCTTGTCTCTTCTATTCGGAGCGGCTGAAGGAGGCTCATGT CAGACTGTACCCATCCAGCCGCTGCACATCACAACATTTACTTAAC AGAACAGTCACCGACAACATGCTGTGTGCTGGAGACACTCGGAGC GGCGGCCCCAGGCAAACTTGCACGACGCCTGCCAGGGCGATTCG GGAGGCCCCTGGTGTCTGAACGATGGCCGCATGACTTTGGTGG GCATCATCAGCTGGGCCTGGGCTGTGGACAGAAGGATGTCCCGG GTGTGTACACAAGGTTACCAA&TACCTAGACTGGATTCGTGACAA CATGCGACCGTGA (SEQ ID NO:4).

13. Method according to one of claims 5 to 12, characterised in that the DNA Sequence of K2S consists of the following sequence:

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TCTGAGGGAAACAGTGACTGCTACTTTGGGAATGGGTCAGCCTACC GTGGCACGCACAGCCTCACCGAGTCGGGTGCCTCCTGCCTCCCGTG GAATTCCATGATCCTGATAGGCAAGGTTTACACAGCACAGAACCCC AGTGCCCAGGCACTGGGCCTGGGCAAACATAATTACTGCCGGAATC CTGATGGGGATGCCAAGCCCTGGTGCCACGTGCTGAAGAACCGCA GGCTGACGTGGGAGTÀCTGTGATGTGCCCTCCTGCTCCACCTGCGG CCTGAGACAGTACAGCCAGCTCAGTTTCGCATCAAAGGAGGGCTC TTCGCCGACATCGCCTCCCACCCTGGCAGGCTGCCATCTTTGCCA AGCACAGGAGGTCGCCCGGAGAGCGGTTCCTGTGCGGGGGCATAC TCATCAGCTCCTGGATTCTCTCTGCCGCCCACTGCTTCCAGGAG AGGTTTCCGCCCACCACCTGACGGTGATCTTGGGCAGAACATACC GGGTGGTCCCTGGCGA&GAGGAGCAGAAATTTGAAGTCGAAAAAT ACATTGTCCATAAGGAATTCGATGATGACACTTACGACAATGACAT TGCGCTGCTGCAGCTGAAATCGGATTCGTCCCGCTGTGCCCAGGAG AGCAGCGTGGTCCGCACTGTGTGCCTTCCCCCGGCGGACCTGCAGC TGCCGGACTGGACGGAGTGTGAGCTCTCCGGCTACGGCAAGCATG AGGCCTTGTCTCTTCTATTCGGAGCGCTGAAGGAGGCTCATGT CAGACTGTACCCATCCAG©CGCTGCACATCACAACATTTACTTAAC AGAACAGTCACCGACAACATGCTGTGTGCTGGAGACACTCGGAGC GGCGGCCCCAGGCAAACTTGCACGACGCCTGCCAGGGCGATTCG GGAGGCCCCTGGTGTCTGAACGATGGCCGCATGACTTTGGTGG GCATCATCAGCTGGGGCCTGGGCTGTGGACAGAAGGATGTCCCGG GTGTGTACACAAAGGTTACQAACTACCTAGACTGGATTCGTGACAA CATGCGACCGTGA (SEQ ID NO:4).

- 14. DNA molecule characterized in that it is coding for:
- a) the OmpA protein or a functional derivative therof operably linked to
- b) a DNA molecule coding for a polypeptide containing the kringle 2 domain and the serine protease domain of tissue plasminogen activator protein.

15. DNA molecule according to claim 14, characterized in that said DNA sequence comprises the following sequence or a functional variant thereof or a variant due to the degenerate nucleotide code:

CTACCGTGGCCCAGGCGCCTCTGAGGGAAACAGTGACTGCTACTT TGGGAATGGGTCAGCCTACCGTGGCACGCACAGCCTCACCGAGTCG GGTGCCTCCTGCCTCCGTGGAATTCCATGATCCTGATAGGCAAGG TTTACACAGCACAGAACCCCAGTGCCCAGGCACTGGGCCTGGGCA AACATAATTACTGCCGGAATCCTGATGGGGATGCCAAGCCCTGGTG CCACGTGCTGAAGAACCGCAGGCTGACGTGGGAGTACTGTGATGT TTTCGCATCAAAGGAGGCTCTTCGCCGACATCGCCTCCCACCCCT GGCAGGCTGCCATCTTTGCCAAGCACAGGAGGTCGCCCGGAGAGC GGTTCCTGTGCGGGGGCATACTCATCAGCTCCTGCTGGATTCTCTCT GCCGCCACTGCTTCCAGGAGAGGTTTCCGCCCCACCACCTGACGG TGATCTTGGGCAGAACATACCGGGTGGTCCCTGGCGAGGAGGAGC AGAAATTTGAAGTCGAAAAATACATTGTCCATAAGGAATTCGATGA TGACACTTACGACAATGACATTGCGCTGCTGCAGCTGAAATCGGAT TCGTCCCGCTGTGCCCAGGAGAGCAGCGTGGTCCGCACTGTGTGCC TTCCCCGGCGGACCTGCAGCTGCCGGACTGGACGGAGTGTGAGCT CTCCGGCTACGGCAAGCATGAGGCCTTGTCTCCTTTCTATTCGGAG CGGCTGAAGGAGGCTCATGTCAGACTGTACCCATCCAGCCGCTGCA CATCACAACATTTACTTAACAGAACAGTCACCGACAACATGCTGTG TGCTGGAGACACTCGGAGCGGCGGGCCCCAGGCAAACTTGCACGA CGCCTGCCAGGGCGATTCGGGAGGCCCCCTGGTGTGTCTGAACGAT GGCCGCATGACTTTGGTGGGCATCATCAGCTGGGGCCTGTG GACAGAAGGATGTCCCGGGTGTGTACAAAGGTTACCAACTACCT AGACTGGATTCGTGACAACATGCGACCG (SEQ ID NO:5).

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16. DNA molecule according to claim 14 or 15, characterized in that said DNA sequence consists of the following sequence:

CTACCGTGGCCCAGGGGGCCTCTGAGGGAAACAGTGACTGCTACTT TGGGAATGGGTCAGC¢TACCGTGGCACGCACAGCCTCACCGAGTCG GGTGCCTCCTGCCTCCGTGGAATTCCATGATCCTGATAGGCAAGG TTTACACAGCACAGAACCCCAGTGCCCAGGCACTGGGCCTGGGCA AACATAATTACTGCCGGAATCCTGATGGGGATGCCAAGCCCTGGTG CCACGTGCTGAAGAACGCCAGGCTGACGTGGGAGTACTGTGATGT TTTCGCATCAAAGGAGG&CTCTTCGCCGACATCGCCTCCCACCCCT GGCAGGCTGCCATCTTTGCCAAGCACAGGAGGTCGCCCGGAGAGC GGTTCCTGTGCGGGGGCATACTCATCAGCTCCTGCTGGATTCTCTCT GCCGCCCACTGCTTCCAGGAGAGGTTTCCGCCCCACCACCTGACGG TGATCTTGGGCAGAACAT&CCGGGTGGTCCCTGGCGAGGAGGAGC AGAAATTTGAAGTCGAAAAATACATTGTCCATAAGGAATTCGATGA TGACACTTACGACAATGACATTGCGCTGCTGCAGCTGAAATCGGAT TCGTCCCGCTGTGCCCAGGÅGAGCAGCGTGGTCCGCACTGTGTGCC TTCCCCGGCGGACCTGCAQCTGCCGGACTGGACGGAGTGTGAGCT CTCCGGCTACGGCAAGCATGAGGCCTTGTCTCCTTTCTATTCGGAG CGGCTGAAGGAGGCTCATGTCAGACTGTACCCATCCAGCCGCTGCA CATCACAACATTTACTTAACAGAACAGTCACCGACAACATGCTGTG TGCTGGAGACACTCGGAGCG<mark>GCGGGCCCCAGGCAAACTTGC</mark>ACGA CGCCTGCCAGGGCGATTCGGGAGGCCCCCTGGTGTGTCTGAACGAT GGCCGCATGACTTTGGTGGG¢ATCATCAGCTGGGCCTGGGCTGTG GACAGAAGGATGTCCCGGGTGTGTACACAAAGGTTACCAACTACCT AGACTGGATTCGTGACAACATGCGACCG (SEQ ID NO:5).

17. DNA molecule according to one of claims 14 to 16, characterized in that said DNA sequence b) is coding for at least 90% of the amino acids 87 - 527 of the human tissue plasminogen activator protein.

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- 18. DNA molecule according to one of claims 14 to 17, characterized in that said DNA sequence b) is coding for at least 90% of the amino acids 174 527 of the human tissue plasminogen activator protein.
- 19. DNA molecule according to any one of claims 14 to 18, characterized in that said DNA sequence b) is coding for at least 90% of the amino acids 180 527 of the human tissue plasminogen activator protein.
- 20. DNA molecule according to any one of claims 14 to 19, characterized in that said DNA sequence b) is coding for at least 90% of the amino acids 220 527 of the human tissue plasminogen activator protein.
- 21. DNA molecule according to any one of claims 14 to 20, characterized in that said DNA sequence a) is hybridizing under stringent conditions to the following sequence:

22. DNA molecule according to any one of claims 14 to 21, characterized in that said DNA sequence a) consists of the following sequence:

23. DNA molecule according to any one of claims 14 to 22, characterized in that said DNA sequence b) is hybridizing under stringent conditions to the following sequence:

TCTGAGGGAAACAGTGACTGCTACTTTGGGAATGGGTCAGCCTACC GTGGCACGCACAGCCTCACCGAGTCGGGTGCCTCCTGCCTCCGTG GAATTCCATGATCCTGATAGGCAAGGTTTACACAGCACAGAACCCC Bup 05/

AGTGCCCAGGCACTGGGCCTGGGCAAACATAATTACTGCCGGAATC CTGATGGGGAT&CCAAGCCCTGGTGCCACGTGCTGAAGAACCGCA GGCTGACGTGGGAGTACTGTGATGTGCCCTCCTGCTCCACCTGCGG CCTGAGACAGTACAGCCAGCCTCAGTTTCGCATCAAAGGAGGGCTC TTCGCCGACATC&CCTCCCACCCCTGGCAGGCTGCCATCTTTGCCA AGCACAGGAGGT¢GCCCGGAGAGCGGTTCCTGTGCGGGGGCATAC TCATCAGCTCCTGCTGGATTCTCTCTGCCGCCCACTGCTTCCAGGAG AGGTTTCCGCCC&CCACCTGACGGTGATCTTGGGCAGAACATACC GGGTGGTCCCTGG&GAGGAGGAGCAGAAATTTGAAGTCGAAAAAT ACATTGTCCATAAGGAATTCGATGATGACACTTACGACAATGACAT TGCGCTGCTGCAGCTGAAATCGGATTCGTCCCGCTGTGCCCAGGAG AGCAGCGTGGTCCG&ACTGTGTGCCTTCCCCCGGCGGACCTGCAGC TGCCGGACTGGACGGAGTGTGAGCTCTCCGGCTACGGCAAGCATG AGGCCTTGTCTCCTTTCTATTCGGAGCGGCTGAAGGAGGCTCATGT CAGACTGTACCCATC¢AGCCGCTGCACATCACAACATTTACTTAAC AGAACAGTCACCGACAACATGCTGTGTGCTGGAGACACTCGGAGC GGCGGCCCCAGGCAAACTTGCACGACGCCTGCCAGGGCGATTCG GGAGGCCCCTGGTGTGTCTGAACGATGGCCGCATGACTTTGGTGG GCATCATCAGCTGGGG&CTGGGGCTGTGGACAGAAGGATGTCCCGG GTGTGTACACAAAGGTTACCAACTACCTAGACTGGATTCGTGACAA CATGCGACCGTGA (SEQ ID NO:7).

24. DNA molecule according to any one of claims 14 to 23, characterized in that said DNA sequence b) consists of the following sequence:

TCTGAGGGAAACAGTGACTGCTACTTTGGGAATGGGTCAGCCTACC
GTGGCACGCACAGCCTCACCGAGTCGGGTGCCTCCTGCCTCCCGTG
GAATTCCATGATCCTGATAGGCAAGGTTTACACAGCACAGAACCCC
AGTGCCCAGGCACTGGGCCTGGGCAAACATAATTACTGCCGGAATC
CTGATGGGGATGCCAAGCCCTGGTGCCACGTGCTGAAGAACCGCA
GGCTGACGTGGGAGTACTGTGATGTGCCCTCCTGCTCCACCTGCGG

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CCTGAGACAGTA¢AGCCAGCCTCAGTTTCGCATCAAAGGAGGGCTC TTCGCCGACATCGCCTCCCACCCCTGGCAGGCTGCCATCTTTGCCA AGCACAGGAGGTCGCCCGGAGAGCGGTTCCTGTGCGGGGGCATAC TCATCAGCTCCTGCTGGATTCTCTCTGCCGCCCACTGCTTCCAGGAG AGGTTTCCGCCCCA¢CACCTGACGGTGATCTTGGGCAGAACATACC GGGTGGTCCCTGGCGAGGAGGAGCAGAAATTTGAAGTCGAAAAAT ACATTGTCCATAAGGATTCGATGATGACACTTACGACAATGACAT TGCGCTGCTGCAGCT&AAATCGGATTCGTCCCGCTGTGCCCAGGAG AGCAGCGTGGTCCGCACTGTGTGCCTTCCCCCGGCGGACCTGCAGC TGCCGGACTGGACGGAGTGTGAGCTCTCCGGCTACGGCAAGCATG AGGCCTTGTCTCCTTTCTATTCGGAGCGGCTGAAGGAGGCTCATGT CAGACTGTACCCATCCAGCCGCTGCACATCACAACATTTACTTAAC AGAACAGTCACCGACAACATGCTGTGTGCTGGAGACACTCGGAGC GGCGGCCCCAGGCAAACTTGCACGACGCCTGCCAGGGCGATTCG GGAGGCCCCTGGTGTCTGAACGATGGCCGCATGACTTTGGTGG GCATCATCAGCTGGGGCCCTGTGGACAGAAGGATGTCCCGG GTGTGTACACAAAGGTTACCAACTACCTAGACTGGATTCGTGACAA CATGCGACCGTGA (SEQ II) NO:7).

25. Fusion protein of OmpA and K2S, characterised in that it comprises a protein characterized by the following amino acid sequence or a fragment, a functional variant, an allelic variant, a subunit, a chemical derivative or a glycosylation variant therof:

MKKTAIAIAVALAGFATVAQAASEGNSDCYFGNGSAYRGTHSLTESG ASCLPWNSMILIGKVYTAQNPSAQALGLGKHNYCRNPDGDAKPWCH VLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRIKGGLFADIASHPWQA AIFAKHRRSPGERFLCGGILISSCWILSAAHCFQERFPPHHLTVILGRTY RVVPGEEEQKFEVEKYIVHKEFDDDTYDNDIALLQLKSDSSRCAQESS VVRTVCLPPADLQLPDWTECELSGYGKHEALSPFYSERLKEAHVRLYP SSRCTSQHLLNRTVTDNMLCAGDTRSGGPQANLHDACQGDSGGPLVC LNDGRMTLVGIISWGLGCGQKDVPGVYTKVTNYLDWIRDNMRPG (SEQ ID NO:8).

26. Fusion protein of OmpA and K2S according to claim 25, characterised in that it consists of a protein characterized by the following amino acid sequence:

MKKTAIAIAVALAGFATVAQAASEGNSDCYFGNGSAYRGTHSLTESG ASCLPWNSMILIGKVYTAQNPSAQALGLGKHNYCRNPDGDAKPWCH VLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRIKGGLFADIASHPWQA AIFAKHRRSPGERFLCGGILISSCWILSAAHCFQERFPPHHLTVILGRTY RVVPGEEEQKFEVEKYIVHKEFDDDTYDNDIALLQLKSDSSRCAQESS VVRTVCLPPADLQLPDWTECELSGYGKHEALSPFYSERLKEAHVRLYP SSRCTSQHLLNRTVTDNMLCAGDTRSGGPQANLHDACQGDSGGPLVC LNDGRMTLVGIISWGLGCGQKDVPGVYTKVTNYLDWIRDNMRPG (SEQ ID NO:8).

- 27. K2S protein, characterised in that it comprises a protein defined by the sequence SEGN (SEQ ID NO:9) and a or a variant or a fragment, a functional variant, an allelic variant, a subunit, a chemical derivative, a fusion protein or a glycosylation variant therof.
- 28. K2S protein according to claim 27, characterised in that it comprises a protein defined by the sequence SEGNSD (SEQ ID NO:10) and a or a variant or a fragment, a functional variant, an allelic variant, a subunit, a chemical derivative, a fusion protein or a glycosylation variant therof.

29. K2S protein according to claim 28 or 29, characterised in that it comprises a protein characterized by the following amino acid sequence or a fragment, a functional variant, an allelic variant, a subunit, a chemical derivative or a glycosylation variant therof:

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SEGNSDCYFGNGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNPSA QALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCDVPSCSTCGLR QYSQPQFRIKGGLFADIASHPWQAAIFAKHRRSPGERFLCGGILISSCWI LSAAHCFQERFPPHHLTVILGRTYRVVPGEEEQKFEVEKYIVHKEFDD DTYDNDIALLQLKSDSSRCAQESSVVRTVCLPPADLQLPDWTECELSG YGKHEALSPFYSERLKEAHVRLYPSSRCTSQHLLNRTVTDNMLCAGD TRSGGPQANLHDACQGDSGGPLVCLNDGRMTLVGIISWGLGCGQKD VPGVYTKVTNYLDWIRDNMRP* (SEQ ID NO:11).

- 30. K2S according to any one of claims 27 to 30, characterised in that it consists of a protein characterized by the following amino acid sequence:
- SEGNSDCYFGNGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNPSA QALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCDVPSCSTCGLR QYSQPQFRIKGGLFADIASHPWQAAIFAKHRRSPGERFLCGGILISSCWI LSAAHCFQERFPPHHLTVILGRTYRVVPGEEEQKFEVEKYIVHKEFDD DTYDNDIALLQLKSDSSRCAQESSVVRTVCLPPADLQLPDWTECELSG YGKHEALSPFYSERLKEAHVRLYPSSRCTSQHLLNRTVTDNMLCAGD TRSGGPQANLHDACQGDSGGPLVCLNDGRMTLVGIISWGLGCGQKD VPGVYTKVTNYLDWIRDNMRP* (SEQ ID NO:11).
- 31. A vector containing a DNA sequence according to any one of claims 14 to 24.
- 32. A vector according to claim 31, wherein said DNA sequence is preceded by a lac promoter and a ribosomal binding site.

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33. The vector pComb3HSS containing a DNA according to any one of claims 14 to 24, wherein the expression of the gp III protein is suppressed or inhibited by deleting the DNA molecule encoding said gp III protein or by a stop codon between the gene coding for a a polypeptide

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containing the kringle 2 domain and the serine protease domain of tissue plasminogen activator protein and the protein III gene.

- 34. A prokar otic host cell comprising a DNA molecule according to any one of claims 14 to 24.
- 35. A prokaryolic host cell comprising a vector according to any one of claims 31 to 33.
- 36. An *E. coli* host cell comprising a DNA molecule according to any one of claims 14 to 24.
- 37. An *E. coli* host cell comprising a vector according to any one of claims 31 to 33.
- 38. Use of a DNA molecule according to any one of claims 14 to 24 or of a vector according to any one of claims 31 to 33 or a host cell according to any one of claims 34 to 37 in a method for the production of a polypeptide having the activity of tissue plasminogen activator.
- 39. Use according to claim 38, wherein said method is a method according to any one of claims 1 to 13.